

June 5, 2014

Federal Communications Commission
Office of Engineering and Technology
7435 Oakland Mills Road
Columbia, Maryland 21046

Dear Sir or Madam:

We, Guidant Corporation (a wholly owned subsidiary of Boston Scientific Corporation doing business as Boston Scientific Cardiology, Rhythm and Vascular), located at 4100 Hamline Avenue North, Arden Hills, MN 55112-5798, are submitting this application for the family approval of the radio functions incorporated in the following ACCOLADE™/ PROPONENT™/ ESSENTIO™/ VISIONIST™/ VALITUDE™ Implantable Pacemakers and Cardiac Resynchronization Therapy Pacemakers (CRT-P) models.

ACCOLADE™ : L300, L301, L321, L310, L311, L331

PROponent™ : L200, L201, L221, L210, L211, L231

ESSENTIO™ : L100, L101, L121, L110, L111, L131

VISIONIST™ : U225, U226, U228

VALITUDE™ : U125, U128

This request is for the family approval under FCC ID: ESC CRMU22814.


ACCOLADE™, PROPONENT™, ESSENTIO™ “L” models are implantable pacemakers, and the VISIONIST™, VALITUDE™ “U” models are cardiac resynchronization therapy pacemakers (CRT-P). Pacemakers are used to treat heart rhythms that are slow, a condition called bradyarrhythmia. Cardiac resynchronization therapy pacemakers (CRT-P) resynchronize heart rhythms in heart failure patients.

ACCOLADE™/PROponent™/ESSENTIO™/VISIONIST™/VALITUDE™ “L” and “U” models incorporate radio frequency (RF) telemetry radio which uses an integrated antenna and operates in the MICS Band (402-405 MHz). The technical reports and exhibits demonstrate compliance of the 402-405 MHz radio with the applicable technical requirements contained CFR Title 47 Part 95. Certification is sought for the 402-405 MHz radio function.

The ACCOLADE™/ PROPONENT™/ ESSENTIO™/ VISIONIST™/ VALITUDE™ models also incorporate an integrated low power inductively coupled telemetry coil, operating at 57 KHz. The inductive telemetry radio relies on inductive coupling and is subject to manufacturer verification per FCC 15.201(a). All emissions are at least 40dB below the FCC 15.209 limits.

Variations between the models are limited to the mechanical “header” structure of the device, size of the battery (normal and extended life) and software variations specific to the medical therapy aspects of the product. The radio, the antenna, and the enclosure are electrically and mechanically identical across all the models included in this application. Per FCC KDB 178919, Item 2(h) it is permissible to certify multiple model numbers under one FCC ID if there are only minor circuitry differences for the non-transmitter portions.

Sincerely,



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